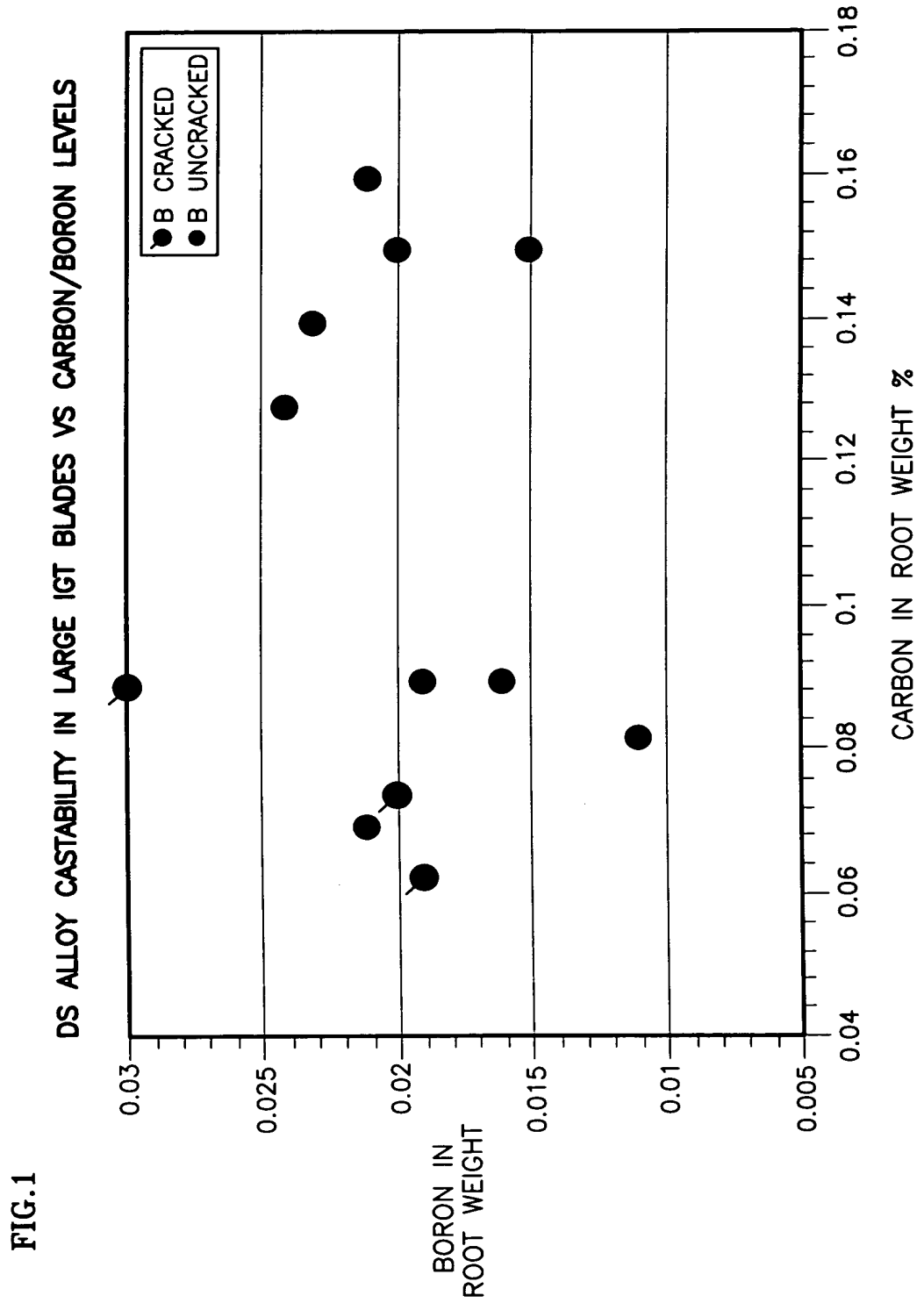


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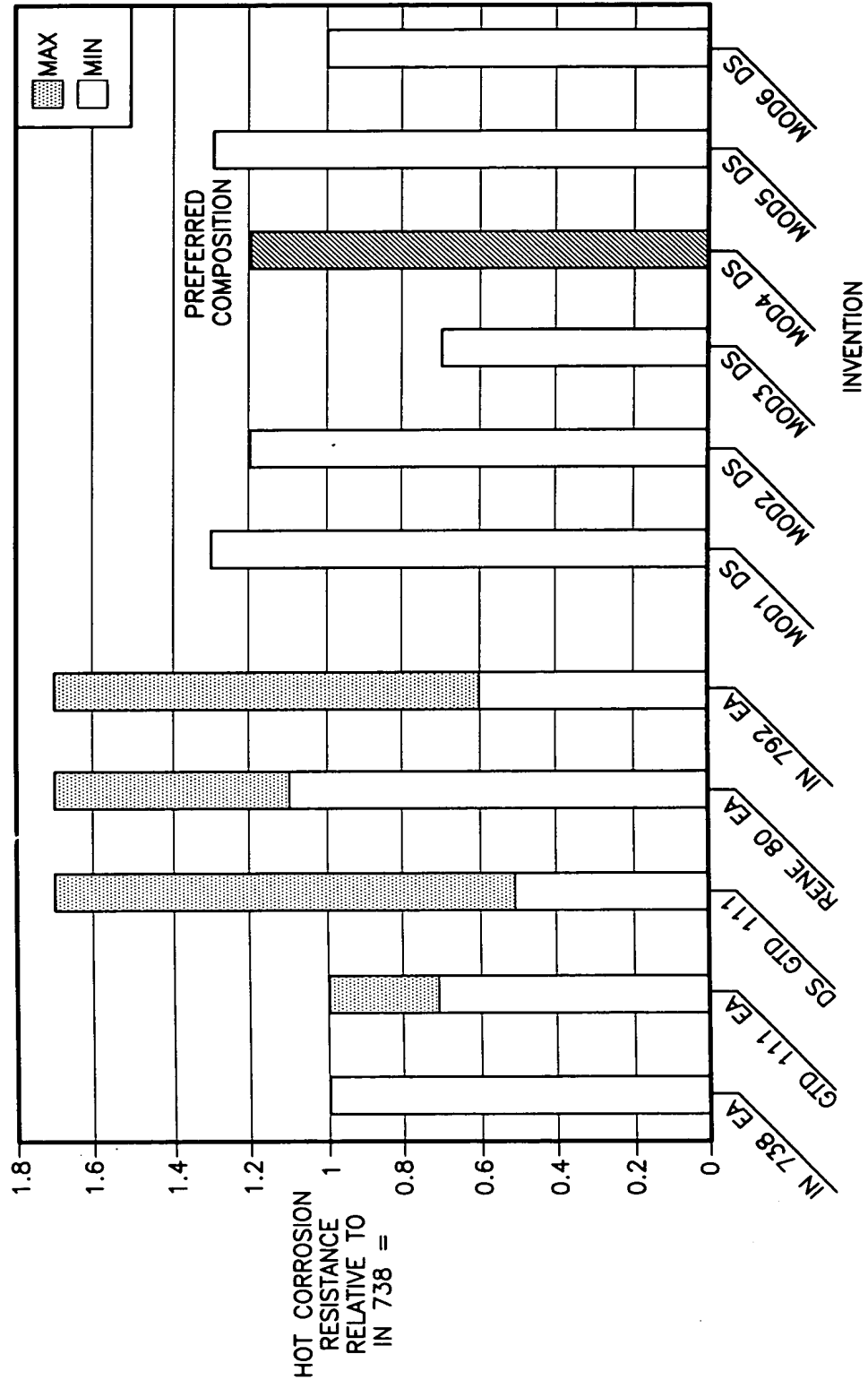
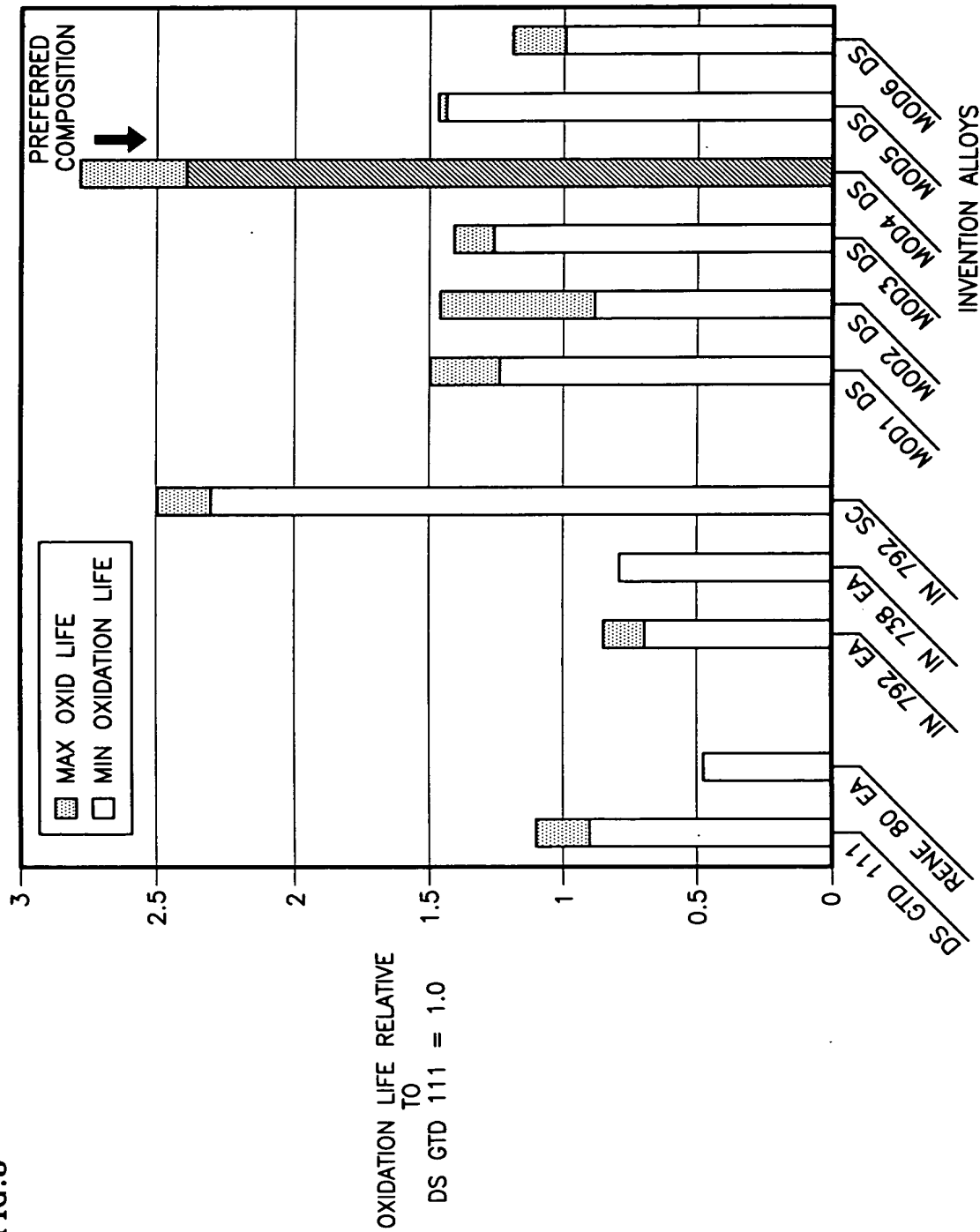
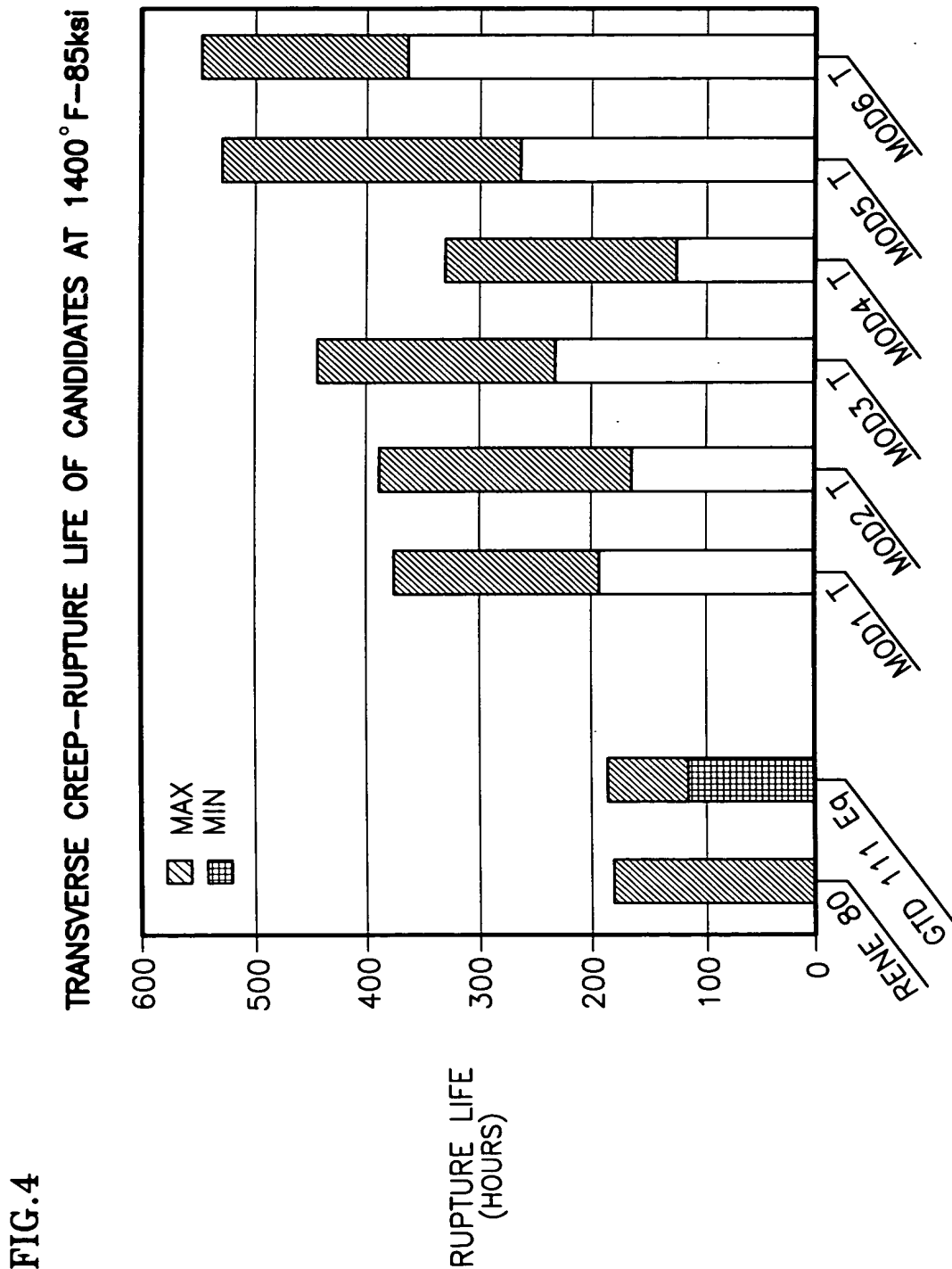


FIG.2

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FIG.3





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FIG. 4a

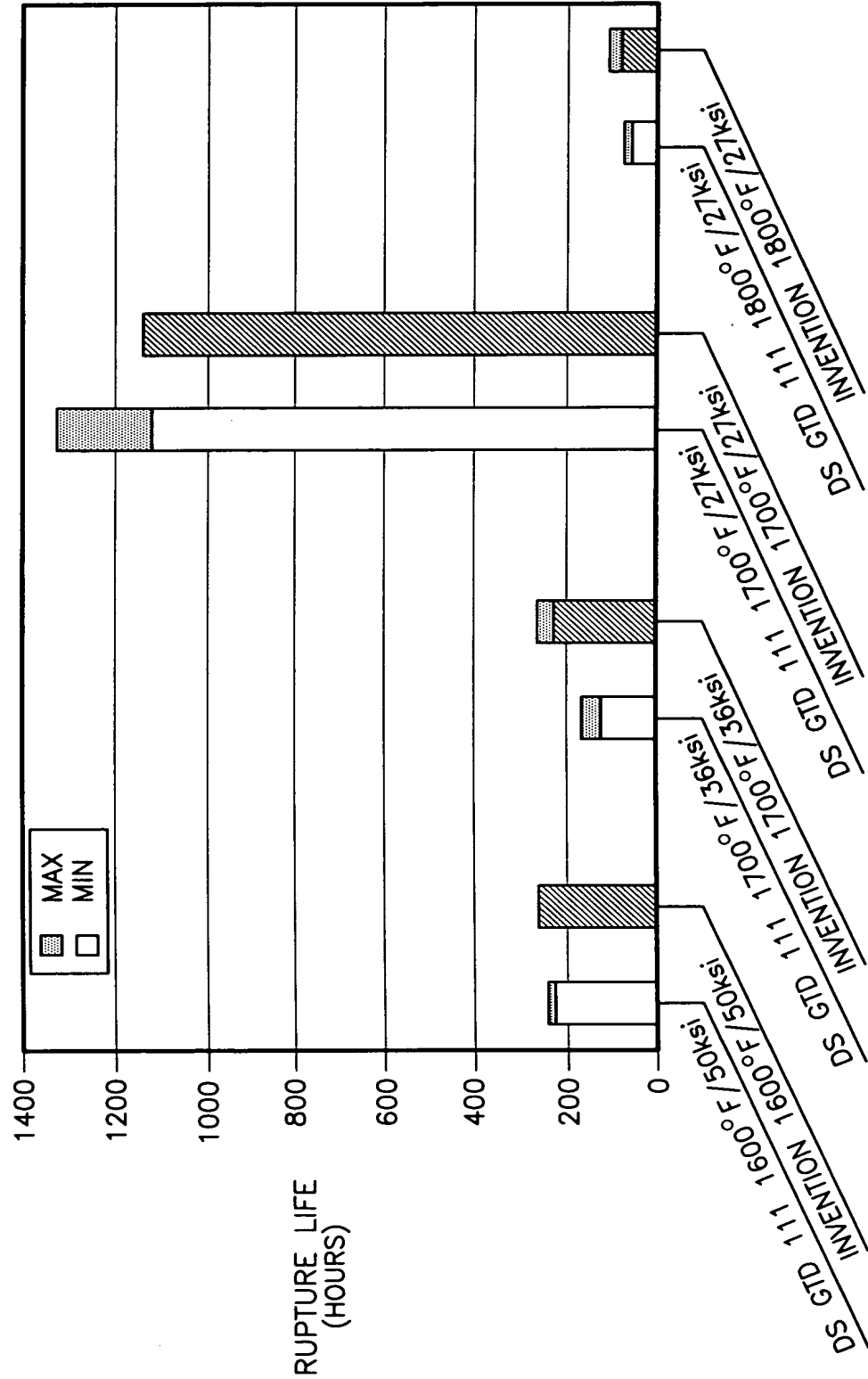
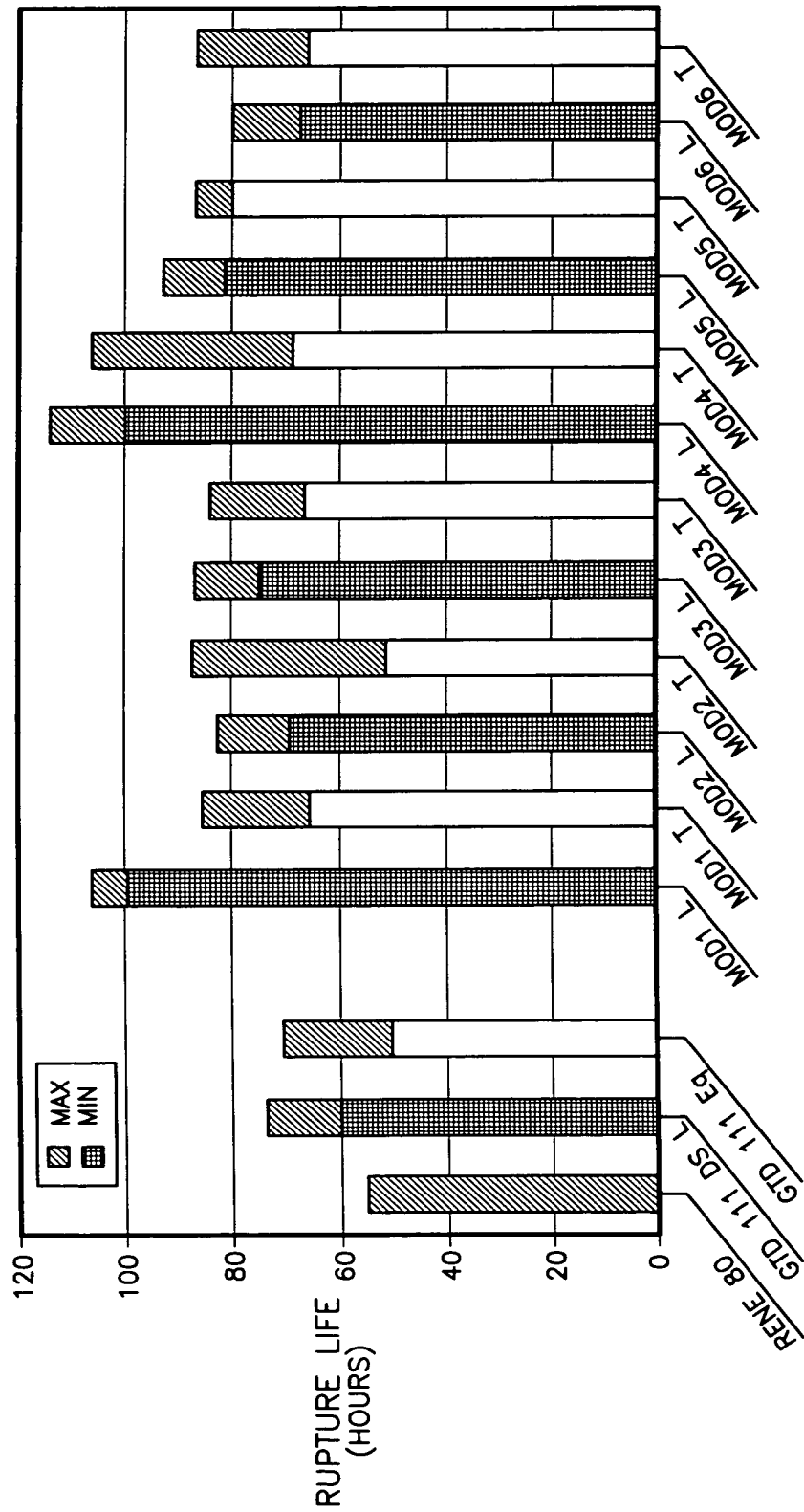


FIG.5
 LONGITUDINAL AND TRANSVERSE CREEP-RUPTURE LIFE
 OF
 CANDIDATES AT 1800° F-27ksi VS GTD 111



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FIG.6a

SHOWS SLIGHTLY IMPROVED 1400° F
 CREEP-RUPTURE LIFE VS GTD 111 DS

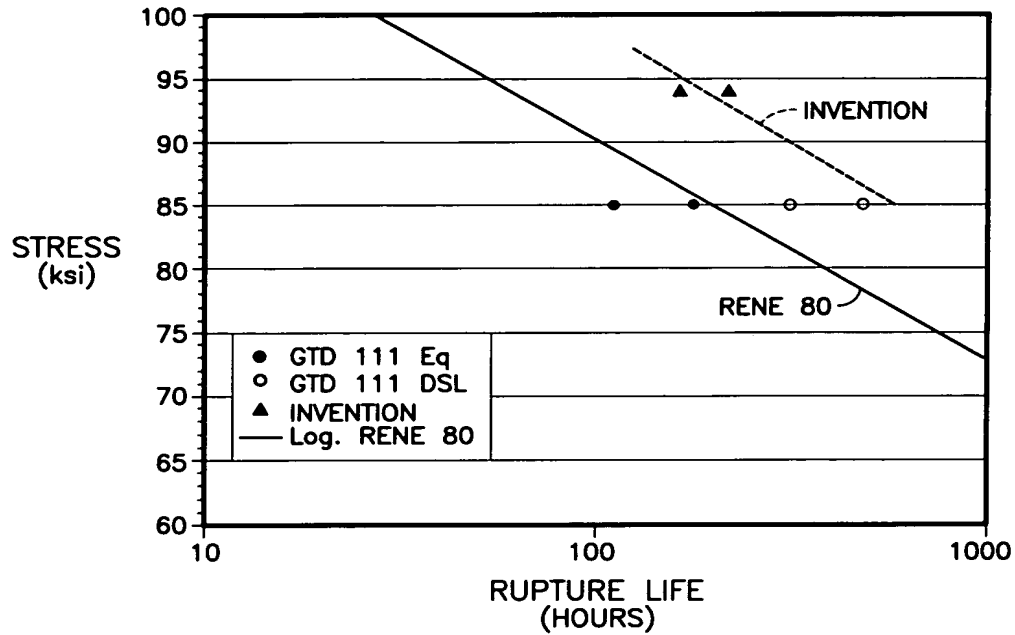


FIG.6b

SHOWS INCREASED CREEP-RUPTURE
 LIFE AT 1800° F VS GTD 111 DS

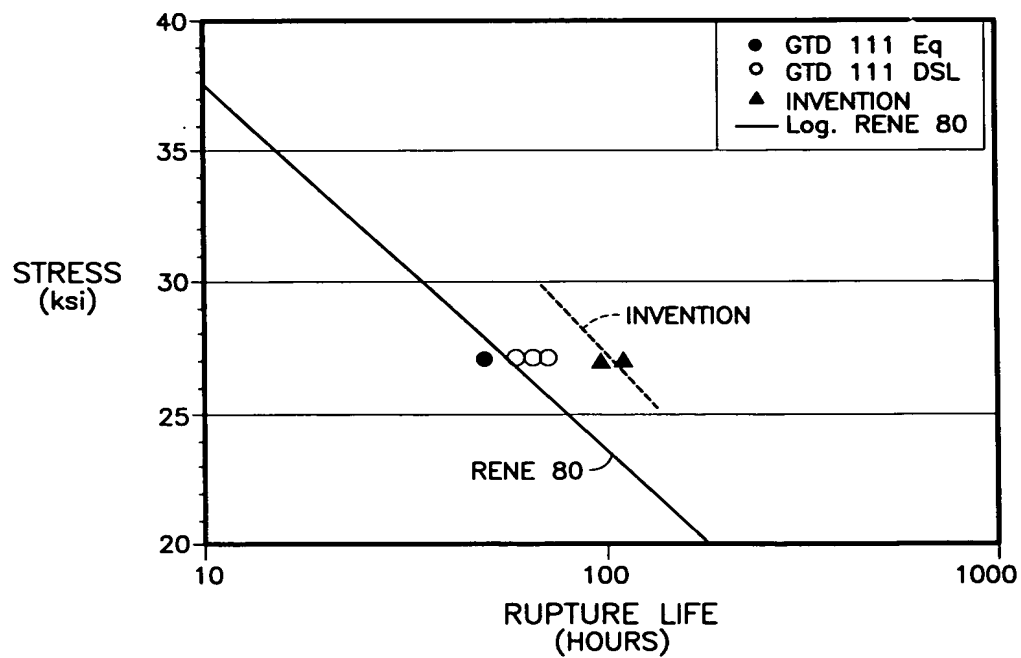


FIG. 7

